

**RIGGER  
WG-5210-10**

**TRANSPORTATION  
OPERATIONS**

## I. POSITION AND ORGANIZATION INFORMATION

## Position:

Rigger, WG-5210-10

## Purpose of position:

The purpose is to manufacture, install, remove, and reposition machinery, equipment, structural members of ships or buildings, and weight handling gear.

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Organization:

Transportation Branch

## Organization goals:

## II. MAJOR DUTIES

## A. Duty:

As full performance, journey level Rigger, plans, performs and directs installation, removal, and repositioning of machinery, equipment, structural members of ships or buildings, and complex weight handling gear. (95%)

## Tasks:

1. Estimates weights and centers of gravity of loads to be moved.
2. Plans route and load maneuvering.
3. Uses chafing and other appropriate means to prevent damage to equipment and to rigging used to move equipment.
4. Attaches lifting gear.
5. Directs operators of cranes or other weight handling equipment by standard signals.
6. Installs and/or locates positions for beam clamps, padeyes, and other attachments.
7. Uses dollies, pulley blocks, chain falls and similar equipment to move and position heavy items.
8. Devises means of moving and controlling movements of heavy equipment through narrow openings and in confined spaces.
9. Performs and directs testing of lifting and handling equipment.
10. Operates forklifts, small craft, and other motorized mobile equipment.
11. Provides guidance and training to other employees.
12. Complies with all environmental, safety, security and administrative

requirements.

**B. Duty:**

Performs other duties as assigned. (5%)

**C. Other Work Requirements**

1. The employee must meet and maintain the physical requirements for the rigger work to be performed. The employee is subject to initial and periodic physical examinations.

2. This position requires the employee to drive a motor vehicle. Employee must possess a valid California Commercial Driver's License (CDL) for vehicles class "A" and 26001 or more and a government vehicle operator's license.

**III. CLASSIFICATION FACTORS**

**Factor 1. Knowledge**

1. Knowledge of planning, laying out, assembling, and installing rigging to move objects in confined areas.

Knowledge of equipment capabilities and limitations, and of trade principles and practices in order to maneuver loads over, under and around obstacles.

Knowledge of weight capacity and load limitations for lifting and handling rigging gear.

Ability to read and understand blueprints, technical work documents and sketches.

Ability to use hand signals to guide crane operators in hoisting, lowering, and placing loads in desired locations.

2. Knowledge of environmental, safety and security requirements applicable to assigned tasks.

3. Skill in operating motor vehicles with gross weight of more than 10,000 pounds and up to 26,000 pounds and in loading cargo onto them properly distributed and protected from weather.

Knowledge of State and local regulations for operating vehicles.

**Factor 2. Responsibility**

Works from written or oral instructions, blueprints, sketches and technical documents. Responsible for carrying out assignments independently, exercising sound judgment to accomplish assignments. Work involves a broad variety of assignments requiring a wide range of processes and techniques. Responsible for accomplishing duties expeditiously as delays affect the work of other trades and military missions. Responsible for the safety of equipment and material handled, for using proper protective personal equipment, and for the safety of other workers. Responsible for complying with all safety, environmental, security and administrative regulations and requirements. Unusual rigging situations or ones near maximum capacity of equipment are cleared through supervisor in compliance with installation administrative

rules. Any diving operations are performed under technical direction of the Diving Officer.

Factor 3. Physical Effort

Factor 4. Working Conditions

## III. CLASSIFICATION SUMMARY

## In this position:

Duty A. 95% WG-5210-10 Rigger  
General Rigging

## List of Modified Duties and Factors:

Knowledge 3 has been edited.

This occupational menu is based on the U.S. Office of Personnel Management (OPM) Job Grading Standard for Rigger, WG-5210, (TS-19) dated January 1972. Helper and Intermediate rigging jobs are based on OPM job grading standards for Trades Helper and for Intermediate Jobs, (TS-3) dated November 1968.

Grade: WG-10

## IV. CLASSIFICATION REMARKS:

Knowledge 3 was edited to remove navigation in congested waters. Not grade controlling.